



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Timothy N. Jones, et al  
Serial No. : 09/264,547  
Filed : March 8, 1999  
Title : SUBDIVIDING A DIGITAL DENTITION MODEL

Art Unit : 3732  
Examiner : J. Wilson

**BOX AF**

Commissioner for Patents  
Washington, D.C. 20231

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RESPONSE

In response to the action mailed November 3, 2000, please amend the application as follows:

In the Claims:

Please amend the claims as follows.

1. (Amended) A computer-implemented method for use in creating a digital model of an individual component of a patient's dentition, the method comprising:

(a) [receiving] scanning the patient's dentition, or a physical model thereof, to produce a data set that forms a three-dimensional (3D) representation of the patient's dentition;

(b) applying a computer-implemented test to the data set to identify data elements that represent portions of an individual component of the patient's dentition; and

(c) creating a digital model of the individual component based upon the identified data elements;

wherein applying the computer-implemented test is carried out by a computer without human intervention.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

February 14, 2001

Date of Deposit

*Cynthia K. Dawn*

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